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Basic Imagery Interpretation Report



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SARATOV AIRFRAME PLANT 292

STRATEGIC WEAPONS INDUSTRIAL FACILITIES

USSR

JULY 1969

Declass Review by NIMA / DoD

COPY NO. 106

9 PAGES

GROUP 1: EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Saratov Airframe Plant 292		UR
UTM COORDINATES	GEOGRAPHIC COORDINATES	
NA	51-30-05N 045-56-37E	
MAP REFERENCE		

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ACIC. USATC, Series 200, Sheet 0235-2, scale 1:200,000

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ABSTRACT

Saratov Airframe Plant 292 is located in the southwestern part of Saratov, USSR. The plant, long a producer of aircraft and consumer goods, now produces missiles as well as aircraft. Items which are probably produced include the CODLING (YAK-40) and surface-to-air missiles.

This report contains an overall photograph of the plant and its test and flyaway airfield with layout drawings of each. A detailed description of the plant, its production, and its related facilities is supplemented by tables keyed to the layout drawings and containing relevant mensural and chronological data.

INTRODUCTION

Saratov Airframe Plant 292 is located in the southwestern part of Saratov, USSR, approximately 1 nautical mile (nm) north of Saratov Airfield South [REDACTED] which serves as its test and flyaway airfield (Figure 1).

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The plant contains almost 2.7 million square feet of roof cover. The airfield is the location of some related probable assembly, repair, and testing facilities which have a roof cover of almost 151,000 square feet.

Two other facilities in Saratov are involved in aircraft and/or missile component production and may be associated with Saratov Airframe Plant 292. They are Saratov Air-

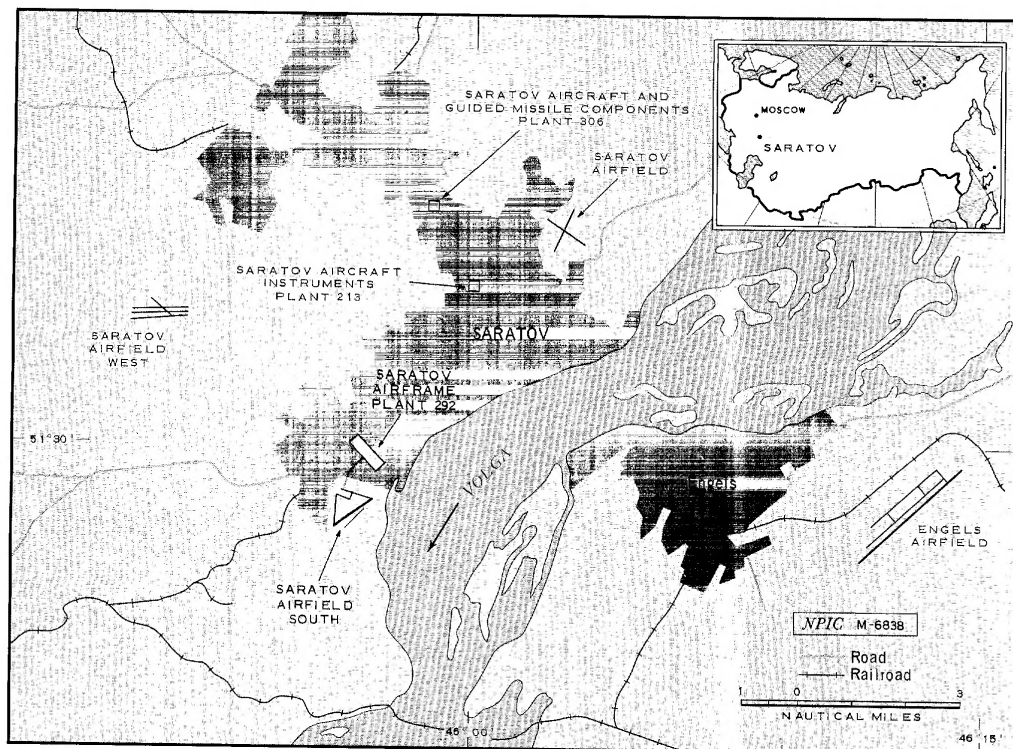


FIGURE 1. LOCATION MAP

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craft and Guided Missile Components Plant 306 [redacted] at 51-34-36N 045-58-48E, approximately 5 nm north-northeast of Plant 292, and Saratov Aircraft Instruments Plant 213 [redacted] approximately 4 nm northeast of Plant 292.

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BASIC DESCRIPTION

Saratov Airframe Plant 292 (Figures 2 and 3), which covers approximately 230 acres, contains five large assembly/shop buildings, 14 shop buildings, numerous administration buildings, utility buildings, and warehouses. The plant area has room for considerable expansion in the eastern section.

The test and flyaway airfield, Saratov Airfield South (Figures 2 and 4), contains two northeast/southwest runways. The main runway is 5,725 feet long [redacted] has a concrete surface, and connects to the taxiways leading to the probable assembly/repair and parking areas. A [redacted] parking apron and 17 aircraft parking hardstands are evident. The other runway [redacted] and nearly parallel to the main runway, appears to have a less durable surface. A taxiway connects the test and flyaway airfield with the plant, approximately 1 nm to the north.

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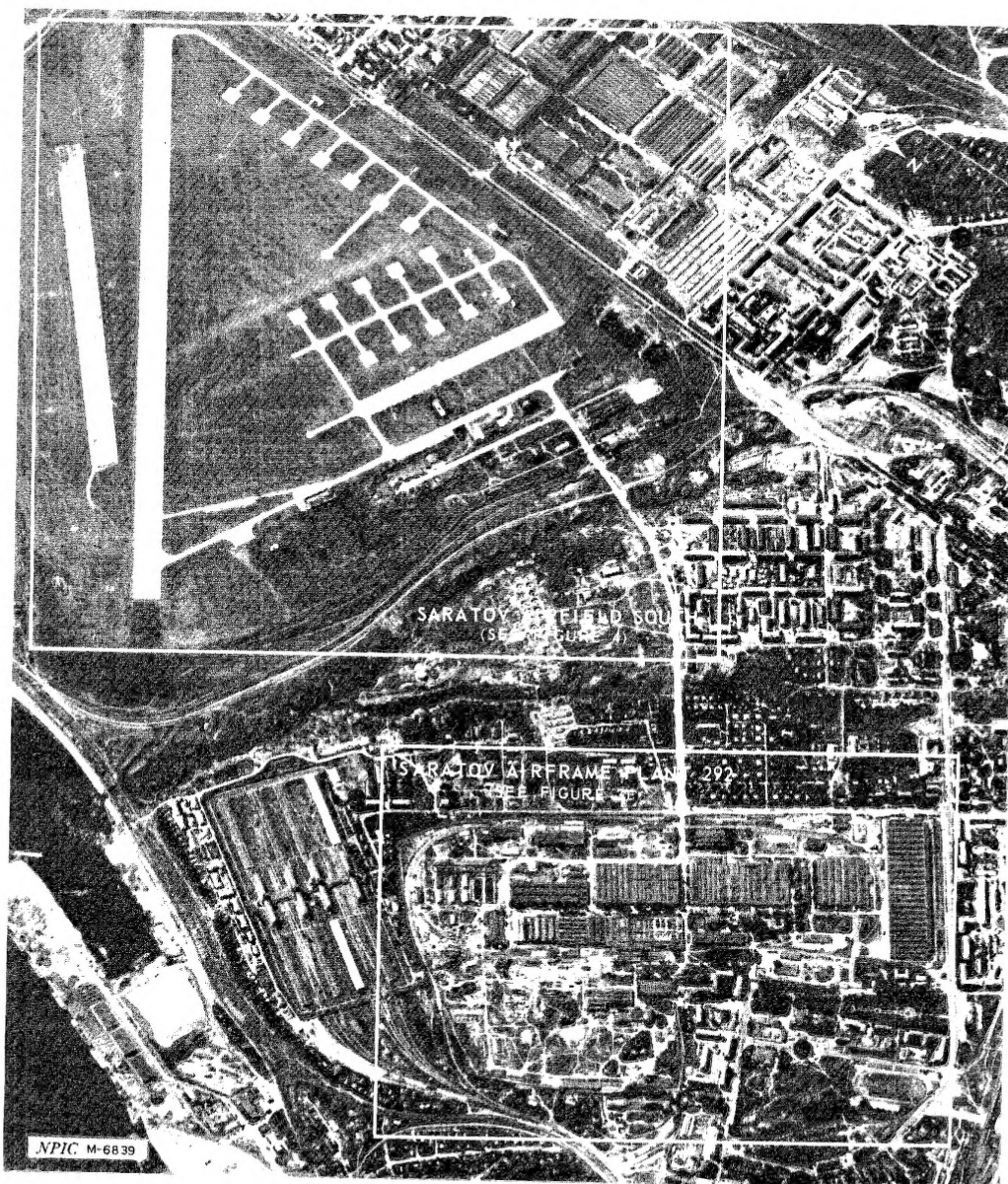


FIGURE 2. SARATOV AIRFRAME PLANT 292 AND SARATOV AIRFIELD SOUTH, USSR, [redacted]

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The probable assembly/repair area on the north side of the airfield contains two probable assembly/repair hangars; two shop buildings; two administration/engineering buildings; an administration building; a large two-position aircraft test revetment; and several utility buildings and warehouses.

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Production Activity

Saratov Airframe Plant 292 has a history of producing consumer goods as well as aircraft and missiles. Originally named Kombanin Zavod, the plant was built in 1931-32 for the production of agricultural machinery. In 1938 it was converted to aircraft production.¹

GUIDELINE (SA-2) missile canisters have been observed at the plant at different times

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The presence of CODLING (YAK-40) aircraft at the flyaway airfield

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strongly suggests that they are being produced at Plant 292.

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World War II [] photography [] revealed that the plant (Figure 3) contained three assembly/shop buildings (items 6, 7, and 9), an assembly/shop building under construction (item 22), and ten shop buildings (items 3, 8, 14, 15, 18, 23, 24, 30, 35, and 37). Item 9 at that time was two separate buildings. Other structures included three support buildings (items 25, 26, and 38), nine warehouses, five utility buildings, and two POL tanks (item 34).

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The related facilities at Saratov Airfield South (Figure 4) consisted of two probable assembly/repair hangars (items 3 and 5), a shop building (item 7), two administration/engineering buildings (items 8 and 9), and four utility buildings. The [] northeast/southwest runway was present.

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[] photography of fair interpretability [] showed that the assembly/shop building (item 22, Figure 3) had been completed and another assembly/shop building (item 31), two shop buildings (items 21 and 29), an administration/security building (item 20), two transshipment buildings (items 1 and 2), and three warehouses had been constructed within the plant []

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An administration building (item 6, Figure 4), a revetted testing hardstand, and three utility buildings had been added at the airfield facilities. The second northeast/southwest runway, 5,725 feet long, had also been added.

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[] KII-4 photography of fair interpretability [] showed that an assembly/shop building (item 39, Figure 3) was under construction. Other structures added [] consisted of two gatehouses (item 40) and part of a group of horizontal POL tanks (item 12).

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The facilities at the airfield had been expanded by the addition of a shop building (item 1, Figure 4) and a POL area (item 4).

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Table 1. Facilities at [redacted] (Figure 3)
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Item	Prob Function	Comments
1	Transshipment bldg	
2	Transshipment bldg	
3	Shop bldg	
4	Warehouses (6)	[redacted]
5	Open storage area	Roof cover is total for 6 bldgs 4 additional structures present contains open storage & warehouses
6	Assem/shop bldg	
7	Assem/shop bldg	
8	Final assem hall	Roof cover includes final assem hall
9	Shop bldg	
	Assem/shop bldg	2 bldgs present [redacted] [redacted] addition to SE end apparently complete [redacted]
10	Shop bldg	
11	Construction site	
12	POL tanks	Ucon; construction apparently abandoned Section a present [redacted]
13	Admin bldg	
14	Shop bldg	
15	Shop bldg	Bldg complete [redacted] enlarged [redacted] again [redacted]
16	Warehouse	South end in early stages of construc- tion [redacted] complete [redacted]
17	Warehouse	
18	Shop bldg	
19	Admin bldg	
20	Admin/security bldg	
21	Shop bldg	
22	Assem/shop bldg	
23	Small shop bldg	Complete [redacted]
24	Shop bldg	
25	Firehouse	
26	Admin bldg	
27	Steamplant	
28	Warehouse	
29	Shop bldg	Prob stores fuel for nearby steamplant
30	Shop bldg	
31	Assem/shop bldg	
32	Utility bldg	
33	Utility bldg	
34	Semiburied tanks (3)	
35	Shop bldg	
36	Shop bldg	
37	Shop bldg	
38	Admin/security bldg	
39	Assem/shop bldg	
40	Gatehouses (2)	
	Utility bldgs (12)	
	Warehouses (10)	Roof cover is total of both bldgs 13 other utility bldgs not measurable 2 other warehouses not measurable

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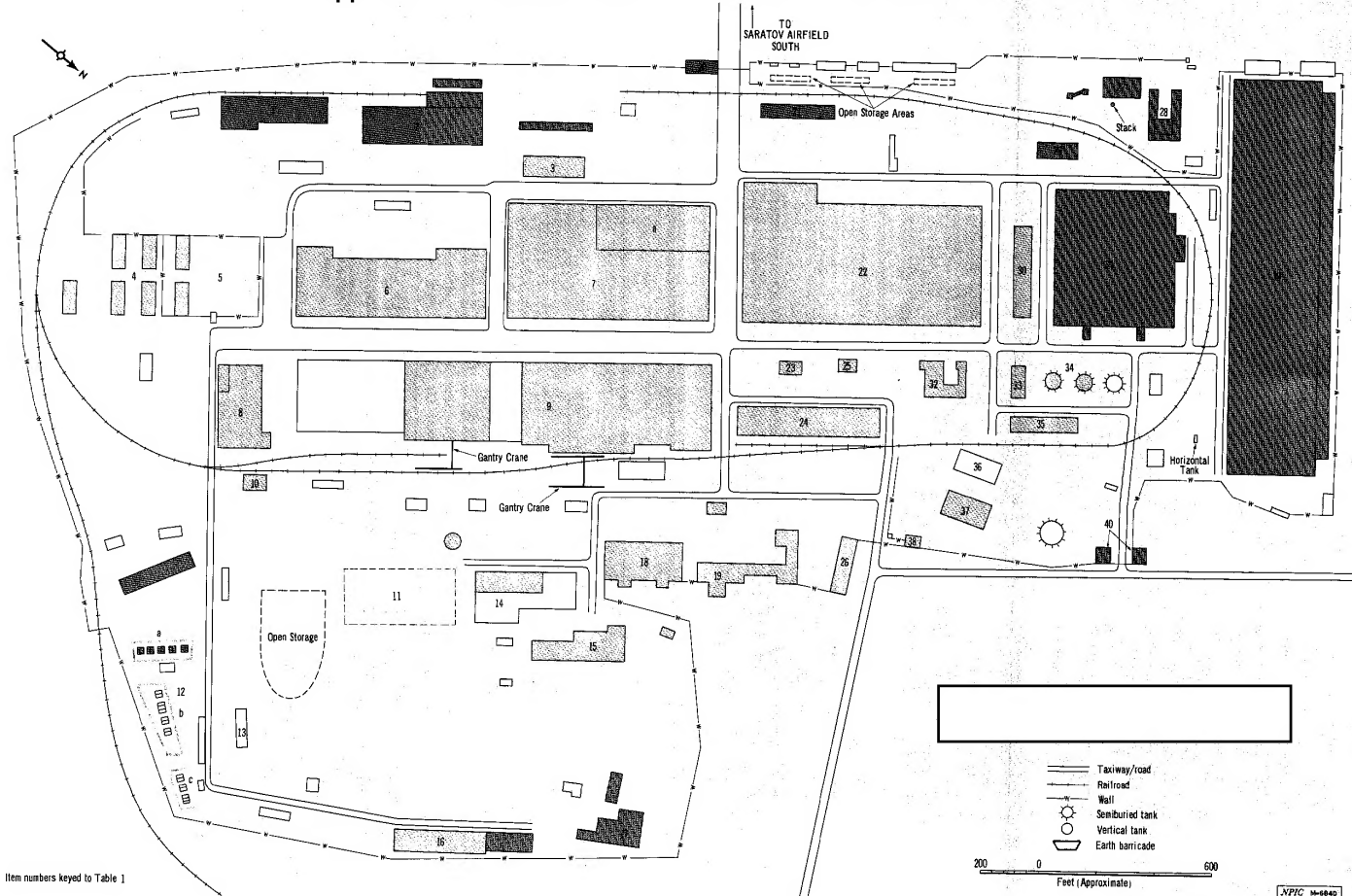


FIGURE 3. LAYOUT OF AIRFRAME PLANT 292

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Table 2. Facilities at Saratov Airfield South (Item numbers keyed to Figure 4)

Item	Prob Function	Comments
1	Shop bldg	Complete [redacted]
2	Test hardstand	Revetted; contains two [redacted]
3	Prob assem/repair hangar	[redacted] aircraft test positions
4	FOL area	
5	Prob assem/repair hangar	Prob contains 3 semiburied horizontal tanks
6	Admin bldg	Structure on north side [redacted]
7	Shop bldg	later removed & warehouse constructed on site
8	Admin/eng bldg	
9	Admin/eng bldg	
	Utility bldgs (11)	
	Warehouses (2)	

*Complete when first observed unless otherwise noted.
**Overall.

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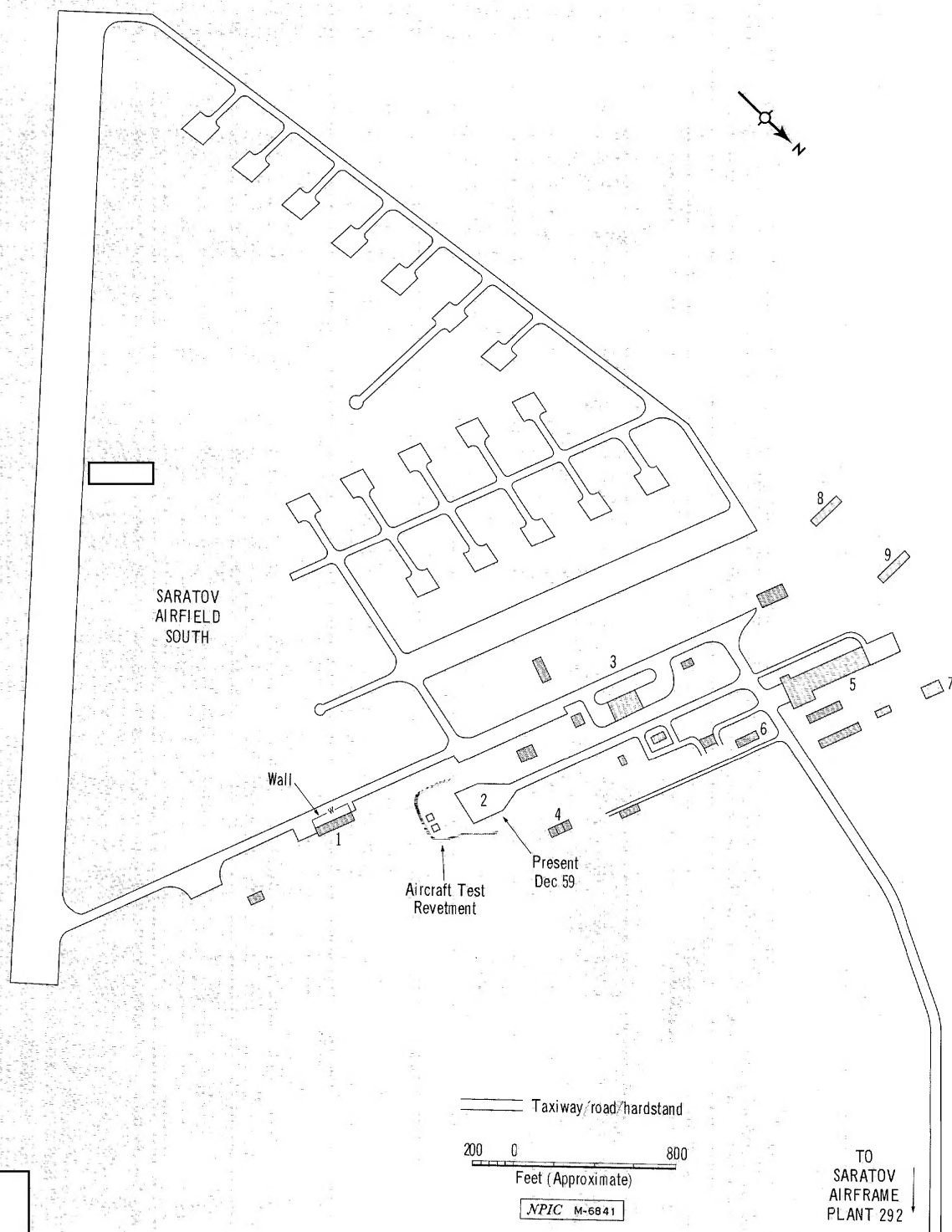


FIGURE 4. LAYOUT OF AIRFIELD

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[redacted] KH-4 photography of poor interpretability [redacted] indicated that the assembly/shop building (item 39) previously seen under construction had been completed. Two additional utility buildings and a warehouse had been built, and an addition was visible at a warehouse present [redacted] No change was evident at the facilities near the airfield.

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No changes were observed within the plant area on available KH-4 photography [redacted]
[redacted] The addition of one utility building within the facilities at the airfield completed the development of that area..

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[redacted] a large addition to the southeast end of the large assembly/shop building (item 9, Figure 3) and the addition to the shop building (item 14) [redacted] appeared to be externally complete. A probable utility building was present.

Essential Services

The plant is served by major roads and railroads. Air service is provided through Saratov Airfield South. Water transportation is available on the nearby Volga River. Electric power is probably supplied to the plant from a source in the Saratov area.

Security

No special security arrangements are evident. The plant is enclosed by a probable masonry wall, and all accesses to the plant are controlled by checkpoints.

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REFERENCES

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MAPS OR CHARTS

ACIC. USATC Series 200, Sheet 0235-2, scale 1:200,000

DOCUMENT

1. CIA. CRS/USSR Division, Industrial Plant File 7012722, *Saratov Airframe Plant 292*, undated (SECRET)

REQUIREMENT

COMIREX BR-J/002-69
NPIC Project 210448

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